



State of Utah

GARY R. HERBERT
Governor

GREG BELL
Lieutenant Governor

08/17/2010
Department of
Environmental Quality

Amanda Smith
Executive Director

DIVISION OF ENVIRONMENTAL
RESPONSE AND REMEDIATION

Brent H. Everett
Director

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ERRC-166-10

August 17, 2010

Scott K. Greenberg, P.E.
Civil Engineer
Transmission Design & Substation Civil Engineering
PacifiCorp
1407 West North Temple
Salt Lake City, Utah 84116

RE: Approval for the PSI Work Plan date July 6, 2010.

Dear Mr. Greenberg,

This letter is being sent to document the approval by the Utah Department of Environmental Quality (UDEQ) and the U.S. Environmental Protection Agency, Region 8 (EPA) for the Work Plan submitted by PSI dated June 11, 2010, with an updated version dated July 6, 2010 (PSI Proposal No. 22888). Approval by for the Geophysical Equipment for Refraction Microtremor (ReMi) and Resistivity was provided in an e-mail dated June 21, 2010. Based on the information provided in the Work Plan, this portion of the proposed work would only extend to depths of 6-8 inches below ground surface and would not impact contaminated soils at the site.

The conditional approval for the Cone Penetration Soundings (CPT) and Dilatometer Testing (DMT) portion of the Work Plan was provided in an e-mail dated June 30, 2010. These conditions were addressed in an updated version of the Work Plan dated July 6, 2010. The conditions described in that e-mail and addressed in the July 6, 2010 version of the Work Plan were as follows:

- Workers operating the rig need to be equipped with, at minimum, a half-face negative pressure air-purifying respirator (APR) and will have received appropriate OSHA Hazwoper CFR 1910.120 training and appropriate certification for wearing the APR. Workers shall also be properly informed of all on-site hazards prior to commencing work.
- Workers will need to wear the APR during all on-site operations.
- All subsurface materials brought to the ground surface from the hydraulic push-rod operations will need to be deposited back into the CPT and DMT hole prior to sealing the

hole with bentonite. Any subsurface materials that cannot be deposited back into the hole will need to be containerized and disposed as asbestos containing material (ACM).

- Between each CPT and DMT hole and prior to leaving the site, rods and attachments will need to be decontaminated with a thorough wet wash. All decontamination or waste water generated at the site during the CPT and DMT phase of work described in the Work Plan will need to be containerized and disposed as ACM. Disposal options include obtaining a permit from Salt Lake City and after filtering the waste water, discharging it to the sanitary sewer, or taking the waste water to a landfill that can accept ACM. The waste water would include any water generated during the decontamination of any drilling equipment, sampling equipment, or PPE exposed to subsurface soils inside the property boundary.

If you have any further questions regarding the approval of the Work Plan please contact Craig Barnitz at (801) 536-0071.

Sincerely,



Dale T. Urban, P.G.
Site Assessment Section Manager
Division of Environmental Response and Remediation

DTU/CRB/eds

cc: Joyce Ackerman, U.S. Environmental Protection Agency, Region 8
Greg Sorenson, Utah Department of Environmental Quality, Division of Air Quality
Vicki Bennett, Director, Salt Lake City, Division of Sustainability and Environment
Royal DeLegge, Director, Salt Lake Valley Health Department, Environmental Health